

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 5    | 2002/0101840  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/10/19 09:09 |
| L2    | 2    | "20020101840"   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/10/19 09:09 |
| S1    | 1    | "6628738".pn.   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 11:27 |
| S2    | 1    | 10/848933   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 11:14 |
| S3    | 38   | 375/260.ccls. and (pilot with track\$5) and (data with track\$5)              | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 11:15 |
| S4    | 0    | 375/260.ccls. and (pilot near track\$5) and (minimum adj square\$5 adj error) | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/10/18 15:16 |
| S5    | 0    | 375/260.ccls. and (pilot near track\$5) and (minimum adj squar\$5 adj error)  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/10 16:13 |
| S6    | 0    | 375/260.ccls. and (phase near track\$5) and (minimum adj squar\$5 adj error)  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 11:28 |
| S7    | 7    | 375/260.ccls. and (minimum adj squar\$5 adj error)                            | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 11:29 |
| S8    | 10   | 375/267.ccls. and (minimum adj squar\$5 adj error)                            | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 14:02 |
| S9    | 2    | 375/267.ccls. and (switch) same STTD  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04 14:04 |

## EAST Search History

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|-----|----|--|--|----|-----|------------------|
| S10 | 3  | 375/347.ccls. and (switch) same STTD   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/04 14:04 |
| S11 | 13 | 375/347.ccls. and (identif\$6 with (transmit\$3 near antenna))                 | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/04 14:05 |
| S12 | 1  | 375/260.ccls. and (pilot near track\$5) and (data near track\$7)               | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:14 |
| S13 | 4  | 10/263415  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:02 |
| S14 | 0  | 375/260.ccls. and (pilot near track\$5) and (remodulat\$5)                     | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:14 |
| S15 | 0  | "375"/\$.ccls. and (pilot near track\$5) and (remodulat\$5)                    | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:14 |
| S16 | 6  | 375/260.ccls. and (pilot near track\$5) and (frequency near track\$6)          | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:20 |
| S17 | 11 | "375"/\$.ccls. and FFT and (pilot near track\$5) and (frequency near track\$6) | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:17 |
| S18 | 15 | 375/260.ccls. and (remodulat\$6)   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:25 |
| S19 | 9  | 375/260.ccls. and pilot and (remodulat\$6)                                     | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:32 |
| S20 | 0  | "375"/\$.ccls. and (pilot near track\$6) and remodulat\$7                      | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:32 |
| S21 | 0  | "370"/\$.ccls. and (pilot near track\$6) and remodulat\$7                      | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:33 |

## EAST Search History

|     |   |  |  |    |     |                  |
|-----|---|--|--|----|-----|------------------|
| S22 | 0 | (pilot near track\$6) and remodulat\$7                       | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:33 |
| S23 | 7 | (pilot ) and remodulat\$7 and (frequency adj correct\$5)     | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/10 16:33 |
| S24 | 2 | "20020101840"  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:30 |
| S25 | 0 | "375"/\$.ccls. and (preliminary adj boundary adj estimat\$7) | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S26 | 0 | "375"/\$.ccls. and (preliminary adj symbol adj boundary )    | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S27 | 0 | "370"/\$.ccls. and (preliminary adj symbol adj boundary )    | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S28 | 0 | "370"/\$.ccls. and (coarse adj symbol adj boundary )         | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S29 | 0 | "375"/\$.ccls. and (coarse adj symbol adj boundary )         | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:32 |
| S30 | 7 | "375"/\$.ccls. and (coarse with (symbol adj boundary) )      | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:34 |
| S31 | 0 | "375"/\$.ccls. and (preliminary with (symbol adj boundary) ) | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 14:34 |
| S32 | 0 | (preliminary with (symbol adj boundary) )                    | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 15:27 |
| S33 | 0 | "10848933"   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 15:28 |

## EAST Search History

|     |    |   |  |    |     |                  |
|-----|----|---|--|----|-----|------------------|
| S34 | 1  | "10/848933"   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 15:37 |
| S35 | 1  | "6628738".pn.   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/05/11 15:38 |
| S36 | 0  | 375/260.ccls. and (pilt near track\$5) and (remodulat\$5)                 | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:19 |
| S37 | 0  | 375/260.ccls. and (pilot near track\$5) and (remodulat\$5)                | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:20 |
| S38 | 11 | 375/260.ccls. and (pilot ) and (remodulat\$5)                             | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:25 |
| S39 | 3  | 375/260.ccls. and (pilot with phase) and (remodulat\$5)                   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:28 |
| S40 | 20 | 375/260.ccls. and (remodulat\$5)  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:28 |
| S41 | 2  | 375/260.ccls. and (phase near track\$6) and (remodulat\$5)                | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:28 |
| S42 | 3  | 375/260.ccls. and (phase with frequency with track\$6) and (remodulat\$5) | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:30 |
| S43 | 1  | 10/848933   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/17 10:30 |
| S44 | 1  | 10/848933   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 11:28 |
| S45 | 15 | 375/260.ccls. and (pilot same preamble same (cyclic adj prefix))          | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 11:32 |

## EAST Search History

|     |    |  |  |    |     |                  |
|-----|----|--|--|----|-----|------------------|
| S46 | 0  | "10849218"   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 11:33 |
| S47 | 1  | "10/849218"  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 14:55 |
| S48 | 1  | "10/751120"  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 14:56 |
| S49 | 1  | 375/260.ccls. and (pilot with<br>frequency with track\$5) and<br>(remodulat\$6)  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 15:17 |
| S50 | 2  | "375"/\$.ccls. and (pilot with<br>frequency with track\$5) and<br>(remodulat\$6)   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 15:17 |
| S51 | 17 | (pilot with frequency with track\$5)<br>and (remodulat\$6)   | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 15:22 |
| S52 | 2  | "20020101840"  | US-PGPUB;<br>USPAT;<br>JPO;<br>IBM_TDB | OR | OFF | 2007/10/18 15:23 |
| S53 | 13 | ("20020054611"   "5257404"  <br>"5959965"   "6028900"   "6031828"<br>  "6298048"   "6373861"  <br>"6473453"   "6590881"   "6735454"<br>  "6754170"   "6876672"  <br>"6961393").PN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2007/10/18 15:31 |
| S54 | 2  | "20020101840"  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | OFF | 2007/10/18 15:31 |